

Appln. No.: 10/501,564

MAT-8574US

Amendment Dated: December 13, 2005

Reply to Office Action of: September 13, 2005

Amendments to the Specification:

Please replace the paragraph, beginning at page 4, line ¹³12, with the following rewritten paragraph:

8-28-05
TM

~~The present invention has,~~ In a mobile communication system using a mobile IP, a mobile terminal determines a main home agent and a main home address. When the mobile terminal moves to a network different in service form, a home address (sub-home address) for use on a domain network which is different in service form (i.e., moved-in network domain) is registered as a primary care of address to the main home agent. When accessed ~~from the~~ externally, by using the main home address, even ~~in case when~~ the mobile terminal roams between domain networks and is assigned with a different home address, external communication is available by using the main home address. Also, where ~~using DNS is used,~~ to registering the main home address to eliminates the necessity of each registration of a local home address (sub-home address) change caused by roaming between domain networks, making it is possible to cope with swift movement of the mobile terminal.

Please replace the paragraph, beginning at page ⁵A, line ²26, with the following rewritten paragraph:

8-28-05
TM

A method of managing mobility according to the present invention ~~includes~~ comprises: ~~a home agent determining a home agent step for a mobile terminal to perform location management of the mobile terminal, the mobile terminal having communications with an access point apparatus arranged on a subnet configuring a domain network and moving between the subnets and the domain networks different in service form, to carry out location management of the mobile terminal; a step for the mobile terminal to registering a main home address given from by the mobile terminal provided from at the main home agent apparatus to a server for managing a name and an address of an apparatus to have a connection to the at least one domain network; and a sub-home address registering a sub-home address to the main home agent apparatus, as a care of address, step for the main home agent apparatus use on another domain network different in service form, when the mobile terminal moves to an the other domain network different in service form, to register as a primary care of address a sub-home address for use on a moved-in domain network.~~